



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

MEMORANDUM TO: Project Engineers  
Project Design Engineers

FROM: G. R. Perfetti, P. E.  
State Bridge Design Engineer

DATE: January 15, 2003

SUBJECT: RAILROAD EROSION CONTROL DETAILS

Effective immediately, the attached detail and notes shall be shown on the preliminary general drawing and general drawing on **CSX** railroad overhead projects.

The Design Manual and Standard Notes will be revised at a later date.

GRP/JTE

Attachments

[Figure 4-8 \(English\)](#)

[Figure 4-8 \(Metric\)](#)

Cc: P. A. Simon, FHWA, with attachments  
R. V. Keith, P. E., with attachments  
R. A. Raynor, P. E., with attachments  
C. O. Wiggins, P. E., with attachments  
R. A. Hancock, P. E., with attachments